

Denominación del curso

MOC 10233

Designing And Deploying Messaging Solutions With Ms Exchange Server 2010

Objetivos Didácticos

Este curso les proporcionará a los asistentes los conocimientos y habilidades necesarias para integrar una solución de mensajería y diseñar la integración de Exchange Server 2010 con la infraestructura actual. También la forma de planificar e implementar las funciones de servidor diferentes en Exchange Server 2010 ,opciones de alta disponibilidad y recuperación ante desastres y el desarrollo de un plan de solución de problemas. Por último, se explica cómo planificar la transición desde versiones anteriores de Exchange Server a Exchange Server 2010 y la integración de Exchange Server 2010 con otros sistemas de mensajería.

Audiencia

Este curso está dirigido a profesionales de TI responsables del entorno de mensajería Exchange Server en una empresa, profesionales de TI, administradores superiores o ingenieros, administradores de Exchange, y administradores de Exchange Server. El candidato será responsable de la planificación y el despliegue de los servidores de Exchange en un entorno empresarial

Requisitos Previos

Se requiere experiencia en el campo de las TI, por lo general en las áreas de administración de redes y/o administración del sistema. Debe tener un mínimo de dos años de experiencia en administración, despliegue, gestión, seguimiento, actualización, migración y el diseño de Exchange Server. Mínimo de seis meses trabajando con Exchange Server 2010 o Exchange Server 2007. Dos años mínimo de experiencia administrando Windows Server, incluido Windows Server 2008, Active Directory Domain Services (AD DS), Domain Name Service (DNS), Public Key Infrastructure (PKI), Microsoft Windows PowerShell.

Duración

25 horas

Metodología

Presencial

Contenidos

Module 1: Introduction to Designing an Exchange Server 2010 Deployment

This module explains how to gather business and technical requirements, and information about the current messaging system, to prepare for designing a messaging system. It also provides an overview of Service Level Management and how it can impact the design of the messaging system.

- Gathering Business Requirements
- Identifying Additional Requirements
- Introduction to Service Level Management
- Analyzing the Current Messaging Environment

Module 2: Designing Exchange Server Integration with the Current Infrastructure

This module explains how to design the integration of Exchange Server with the current infrastructure. It describes how to design the network infrastructure, the Active Directory infrastructure, and the DNS infrastructure. Additionally, this module explains how to plan the administration of Exchange Server 2010.

- Designing the Network Infrastructure
- Designing the Active Directory Infrastructure
- Designing the DNS Infrastructure
- Planning Exchange Server Administration

Module 3: Planning and Deploying Mailbox Services

This module explains how to design the deployment of the Mailbox server services in Exchange Server 2010. It provides an overview of the Mailbox services in Exchange Server 2010. The module then describes how to design Mailbox server, recipient management, and public folder architecture.

- Overview of Mailbox Services in Exchange Server 2010
- Designing Mailbox Servers
- Designing Recipient Management
- Designing a Public Folder Architecture

Module 4: Planning and Deploying Client Access Services in Exchange Server 2010

This module explains how to plan and deploy client access services in Exchange Server 2010. It provides an overview of the Client Access server role and then describes how to design the Client Access server deployment, client access, and client access policies.

- Overview of the Client Access Server Role
- Designing the Client Access Server Deployment
- Designing Client Access
- Designing Client Access Policies

Module 5: Planning and Deploying Message Transport in Exchange Server 2010

This module explains how to design the Hub Transport server and Edge Transport Server deployments. It also describes how to design message routing in Exchange Server 2010. The module then explains how to design the Hub Transport servers and the Edge Transport servers.

- Designing Message Routing for Exchange Server 2010
- Designing Hub Transport Servers
- Designing the Message Routing Perimeter

Module 6: Planning and Deploying Messaging Security

This module explains how to plan and deploy messaging security. It describes how to design message security restrictions, SMTP connector security, and explains how to secure message routing between partner organizations. The module then describes how to design antivirus and anti-spam solutions.

- Designing Message Security
- Designing Antivirus and Anti-Spam Solutions

Module 7: Planning and Deploying Messaging Compliance

This module explains how to plan and deploy a messaging policy and compliance solution. It describes how to design transport rules, message classifications, and message moderation. Then the module describes how to design the AD RMS integration with Exchange Server 2010. Finally, the module explains how to design message journaling, archiving, and messaging records management.

- Designing Transport Compliance
- Designing AD RMS Integration with Exchange Server 2010
- Designing Message Journaling and Archiving
- Designing Messaging Records Management

Module 8: Planning and Deploying High Availability

This module explains how to plan a highly available Exchange Server 2010 deployment. It provides an introduction to high availability in Exchange Server 2010. It also describes how to design high availability for mailbox databases and the other Exchange Server 2010 server roles. Finally, the module explains how to design site resilience.

- Introduction to High Availability Planning in Exchange Server 2010
- Designing High Availability for Mailbox Databases
- Designing High Availability for Other Server Roles
- Designing Site Resilience

Module 9: Planning a Disaster Recovery Solution

This module explains how to plan a disaster recovery solution for Exchange Server 2010. It describes how to plan for disaster mitigation and then explains how to design Exchange Server backup and recovery.

- Planning for Disaster Mitigation
- Planning Exchange Server Backup
- Planning Exchange Server Recovery

Module 10: Planning Exchange Server 2010 Monitoring and Troubleshooting

This module explains how to develop a plan for monitoring and troubleshooting the Exchange Server environment. It first describes the various options for monitoring the different server roles in Exchange Server 2010. The module then describes the available troubleshooting tools and explains how to plan for troubleshooting issues in message delivery, client access, and databases.

- Planning Exchange Server Monitoring
- Planning Exchange Server Troubleshooting

Module 11: Transitioning to Exchange Server 2010

This module explains how to plan and implement a transition from Exchange Server 2003 or Exchange Server 2007 to Exchange Server 2010. It first provides an overview of the various transitioning scenarios.

The module then describes how to plan the transition from Exchange Server 2003 to Exchange Server 2010 and from Exchange Server 2007 to Exchange Server 2010.

- Overview of Transitioning to Exchange Server 2010
- Planning the Transition from Exchange Server 2003 to Exchange Server 2010
- Planning the Transition from Exchange Server 2007 to Exchange Server 2010

Module 12: Integrating Exchange Server 2010 with Other Messaging Systems

This module explains how to integrate Exchange Server 2010 with other messaging systems and with federated partners. It first describes the various coexistence scenarios and then explains how to design Exchange Server 2010 integration with other messaging systems. The modules also describes how to design the integration of Exchange Server 2010 with federated partners and with Exchange Online.

- Designing Exchange Server 2010 Integration with Other Messaging Systems
- Designing Exchange Server 2010 Integration with Federated Partners
- Designing Exchange Server 2010 Integration with Exchange Online